

ABSTRACT OF THE DISCLOSURE

A rotational angle sensor and a hydraulic pressure control valve are disposed such that a detecting end surface of the rotational angle sensor disposed close to a sensor rotor attached to an exhaust camshaft is located in a spray area of return oil discharged through a drain hole formed at a cam cap, which flows down through a lower drain port of the hydraulic pressure control valve attached on the cam cap from a variable valve timing mechanism. Further, the detecting end surface is located forward in the rotational direction, shown as the arrow **a**, of the exhaust camshaft so that the return oil can be positively carried toward the detecting end surface by the rotation of the sensor rotor. Accordingly, this can maintain properly detecting accuracy of the rotational sensor disposed close to the camshaft.